

In the Claims

Claims 1, 8, 14-35 and 60-68 were previously cancelled without prejudice.

Claims 6, 12, 36, 46, 69, 74, 78, 80 and 88 are amended.

Claims 2-7, 9-13, 36-59, 69-94 remain in the application and are listed below.

1. (Cancelled).

2. (Previously Presented) The method of claim 6 further comprising automatically removing said at least one command from the display responsive to a change in the user's context.

3. (Previously Presented) The method of claim 6, wherein the application program comprises a document-centric application program and said displaying does not obscure a document in which the user is working.

4. (Previously Presented) The method of claim 6, wherein the application program comprises a document-centric application program and said at least one command is displayed in a modeless fashion in which the user can continue to work within a document while said at least one command is displayed.

5. (Previously Presented) The method of claim 6 further comprising after said displaying, executing a command without requiring any action from a user other than selecting the command.

1 6. (Currently Amended) A method of exposing commands in a
2 software application program comprising:

3 determining a user's context within an application program by ascertaining
4 a position of a user's cursor within a document provided by the application
5 program; and

6 automatically displaying at least one command on a display for the user
7 based on the user's context, wherein said automatically displaying is
8 accomplished, at least in part, using tree-based visibility expressions, wherein
9 individual expressions define conditions associated with a user's interaction with
10 the document and which are used to ascertain when to display said at least one
11 command.

12
13 7. (Previously Presented) The method of claim 6, wherein said
14 determining comprises ascertaining a user's selection within a document provided
15 by the application program.

16
17 8. (Cancelled).

18
19 9. (Previously Presented) The method of claim 6, wherein said context
20 pertains to various tasks the user may attempt to accomplish.

21
22 10. (Previously Presented) The method of claim 6, wherein said context
23 further pertains to one or more of the following: a type of document the user is
24 working in; and a state of a document the user is working in.

11. (Previously Presented) The method of claim 6, wherein said displaying is independent of a user selecting any displayed menu item.

12. (Currently Amended) One or more computer-readable media having computer-readable instructions thereon which, when executed by a computer, cause the computer to:

determine a user's context within an application program;

automatically display, independent of the user selecting any displayed menu item, at least one command on a display for the user based on the user's context, said at least one command being displayed in a modeless fashion in which the user can continue to work within a document provided by the application program while said at least one command is displayed; and

automatically remove said at least one command from the user's display responsive to a change in the user's context,

wherein said automatically display and automatically remove are accomplished, at least in part, using tree-based visibility expressions, wherein individual expressions define conditions associated with a user's interaction with the application and are used to ascertain when to display said at least one command.

13. (Original) The computer-readable media of claim 12, wherein the computer determines the user's context by one or more of the following:

ascertaining a position of a user's cursor within a document provided by the application program; and

1 ascertaining a user's selection within a document provided by the
2 application program.

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4 14.-35. (Cancelled).

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6 36. (Currently Amended) A method of exposing commands in a
7 software application program comprising:

8 determining a user's context within an application program by evaluating at
9 least portions of one or more expressions, each expression being associated with a
10 context block and defining a condition that describes one or more aspects of a
11 user's interaction with the application program, wherein individual expressions
12 comprise tree-based visibility expressions; and

13 automatically displaying, independent of a user selecting any displayed
14 menu item, at least one context block on a display for the user based on the user's
15 context, individual context blocks containing multiple commands that are possible
16 selections for a user based upon their context.

17
18 37. (Original) The method of claim 36, wherein the expressions evaluate
19 to Boolean values.

20
21 38. (Previously Presented) The method of claim 36, wherein a user's
22 context can be affected by one or more of the following: a document type, a
23 document state, and objects within a document that can be selected by the user.

1 39. (Previously Presented) The method of claim 36, wherein said
2 displaying comprises displaying a context block having a title bar area that labels
3 the context block.

4
5 40. (Original) The method of claim 39, wherein the title bar area is
6 configured to enable the context block to be toggled between expanded and
7 collapsed states.

8
9 41. (Original) The method of claim 39, wherein the title bar area
10 comprises a menu display button that is configured to enable a menu that is
11 associated with the context block to be displayed.

12
13 42. (Original) The method of claim 41, wherein the menu display button
14 is associated with a menu that contains links to one or more context panes, each
15 context pane comprising additional context-sensitive commands.

16
17 43. (Previously Presented) The method of claim 36, wherein said
18 displaying comprises displaying a context block with a controls area that exposes
19 the multiple commands to the user.

20
21 44. (Original) The method of claim 43, wherein a command display
22 within the controls area is defined in HTML.

1 45. (Previously Presented) The method of claim 36, wherein said
2 displaying comprises displaying said at least one context block in a modeless
3 fashion.

4
5 46. (Currently Amended) A method of exposing commands in a
6 software application program comprising:

7 determining a user's context within an application program without
8 requiring the user to make a menu selection, wherein said determining is
9 accomplished, at least in part, using tree-based visibility expressions, wherein
10 individual tree-based visibility expressions define conditions that describe a user's
11 interactions with said application program;

12 based on the user's context, displaying commands that are associated with
13 the context and which can assist the user in accomplishing a task; and

14 while the commands are being displayed, enabling the user to select and
15 apply various commands multiple times.

16
17 47. (Original) The method of claim 46 further comprising applying one
18 or more selected commands, when selected by a user, without further user
19 interaction.

20
21 48. (Original) The method of claim 46, wherein said displaying
22 comprises displaying the commands responsive to the user selecting from a menu
23 that is supported by an automatically-appearing and disappearing context block
24 that contains context-sensitive commands.
25

1 49. (Original) The method of claim 46, wherein said displaying
2 comprises displaying the commands in a modeless manner.

3
4 50. (Original) The method of claim 46, wherein said displaying
5 comprises displaying the commands within a context pane having a title bar that
6 labels the context pane and a controls area that exposes the commands to the user.

7
8 51. (Original) The method of claim 50, wherein the context pane is not
9 collapsible.

10
11 52. (Original) The method of claim 50, wherein the context pane must
12 be closed by the user.

13
14 53. (Original) The method of claim 50, wherein the user must request
15 the context pane to be displayed.

16
17 54. (Original) The method of claim 50, wherein some of the commands
18 in the controls area can be context-sensitive and are disabled if they are out of
19 context.

20
21 55. (Original) The method of claim 50, wherein the context pane
22 includes a context-sensitive help feature that displays help information that is
23 contextually related to a context pane.

1 56. (Original) The method of claim 55, wherein the help feature is
2 accessible via an icon on the title bar.

3
4 57. (Original) The method of claim 55, wherein the help feature is
5 displayed in a modeless manner.

6
7 58. (Original) The method of claim 50, wherein multiple context panes
8 are stackable in a queue.

9
10 59. (Original) One or more computer-readable media having computer-
11 readable instructions thereon which, when executed by a computer, implement the
12 method of claim 46.

13
14 60.-68. (Cancelled).

15
16 69. (Currently Amended) A computing system comprising:
17 a single application program configured to provide:
18 a single navigable window;
19 multiple different functionalities to which the single navigable window can
20 be navigated by a user; and

21 at least one context-sensitive command area that is associated with the
22 single navigable window, the single application program being configured to
23 automatically change command sets that are presented to the user within the
24 command area as the user navigates to different functionalities, at least some
25 commands of the command sets being displayable independent of the user

1 selecting any displayed menu item and as a function of one or more tree-based
2 visibility expressions that define conditions that describe a user's interactions with
3 the single application program.

4
5 70. (Original) The computing system of claim 69, wherein the single
6 application program is configured to provide navigation instrumentalities
7 associated with the single navigable window, the navigation instrumentalities
8 being configured for use by the user to navigate the single window to the different
9 functionalities.

10
11 71. (Original) The computing system of claim 70, wherein one of the
12 navigation instrumentalities comprises links associated with each of the multiple
13 different functionalities to which the single navigable window can be navigated.

14
15 72. (Original) The computing system of claim 70, wherein one of the
16 navigation instrumentalities comprises browser-like navigation buttons that can be
17 used, in connection with the navigation model, to navigate the single navigable
18 window between the different functionalities.

19
20 73. (Original) The computing system of claim 69, wherein the multiple
21 different functionalities comprise document-centric functionalities.

22
23 74. (Currently Amended) A computing system comprising:
24 a single application program configured to:
25

1 display a single navigable window for a user to use in navigating between
2 multiple different functionalities that can be provided by the single application
3 program;

4 provide at least one context-sensitive command area that is associated with
5 the single navigable window, the single application program automatically
6 changing command sets that are presented to the user within the command area as
7 the user navigates to different functionalities, at least some commands of the
8 command sets being displayable independent of the user selecting any displayed
9 menu item and as a function of one or more tree-based visibility expressions that
10 define conditions that describe a user's interactions with the single application
11 program; and

12 incorporate different functionalities in an extensible manner so that the user
13 can use the single navigable window to navigate to the different incorporated
14 functionalities.

15
16 75. (Original) The computing system of claim 74, wherein the single
17 application program is configured to provide navigation instrumentalities
18 associated with the single navigable window, the navigation instrumentalities
19 being configured for use by the user to navigate the single window to the different
20 functionalities.

21
22 76. (Original) The computing system of claim 75, wherein one of the
23 navigation instrumentalities comprises links associated with each of the multiple
24 different functionalities to which the single navigable window can be navigated.
25

1 77. (Original) The computing system of claim 75, wherein one of the
2 navigation instrumentalities comprises browser-like navigation buttons that can be
3 used to navigate the single navigable window between different functionalities.

4
5 78. (Currently Amended) A computing method comprising:
6 displaying a user interface that comprises a single navigable window that
7 can be navigated between multiple different functionalities that are provided by a
8 single application program;

9 receiving user input that indicates selection of a particular functionality;

10 responsive to receiving said user input, navigating the single navigable
11 window to the particular selected functionality and displaying in said window
12 indicia of said functionality that can enable a user to accomplish a task associated
13 with the particular selected functionality;

14 determining a user's context within the selected functionality using one or
15 more tree-based visibility expressions, wherein individual expressions define
16 conditions associated with a user's interaction with said selected functionality; and

17 automatically displaying at least one command for the user based on the
18 user's context independent of the user selecting any displayed menu item.

19
20 79. (Original) The computing method of claim 78 further comprising
21 automatically removing said at least one command from the display responsive to
22 change in the user's context.

23
24 80. (Currently Amended) A method of exposing commands in a
25 software application program comprising:

1 determining a user's context within an application program by ascertaining
2 a user's selection within a document provided by the application program and by
3 using one or more tree-based visibility expressions, wherein individual
4 expressions define conditions associated with a user's interaction with said
5 document; and

6 automatically displaying at least one command on a display for the user
7 based on the user's context.

8
9 81. (Previously Presented) The method of claim 80 further comprising
10 automatically removing said at least one command from the display responsive to
11 a change in the user's context.

12
13 82. (Previously Presented) The method of claim 80, wherein the
14 application program comprises a document-centric application program and said
15 displaying does not obscure a document in which the user is working.

16
17 83. (Previously Presented) The method of claim 80, wherein the
18 application program comprises a document-centric application program and said at
19 least one command is displayed in a modeless fashion in which the user can
20 continue to work within a document while said at least one command is displayed.

21
22 84. (Previously Presented) The method of claim 80 further comprising
23 after said displaying, executing a command without requiring any action from a
24 user other than selecting the command.

1 85. (Previously Presented) The method of claim 80, wherein said
2 context pertains to various tasks the user may attempt to accomplish.

3
4 86. (Previously Presented) The method of claim 80, wherein said
5 context further pertains to one or more of the following: a type of document the
6 user is working in and a state of a document the user is working in.

7
8 87. (Previously Presented) The method of claim 80, wherein said
9 displaying is independent of a user selecting any displayed menu item.

10
11 88. (Currently Amended) A method of exposing commands in a
12 software application program comprising:

13 determining a user's context within an application program using, at least in
14 part, one or more tree-based visibility expressions, wherein individual expressions
15 define conditions associated with a user's interaction with the application
16 program; and

17 automatically displaying at least one command on a display for the user
18 based on the user's context, independent of a user selecting any displayed menu
19 item.

20
21 89. (Previously Presented) The method of claim 88 further comprising
22 automatically removing said at least one command from the display responsive to
23 a change in the user's context.

1 90. (Previously Presented) The method of claim 88, wherein the
2 application program comprises a document-centric application program and said
3 displaying does not obscure a document in which the user is working.
4

5 91. (Previously Presented) The method of claim 88, wherein the
6 application program comprises a document-centric application program and said at
7 least one command is displayed in a modeless fashion in which the user can
8 continue to work within a document while said at least one command is displayed.
9

10 92. (Previously Presented) The method of claim 88 further comprising
11 after said displaying, executing a command without requiring any action from a
12 user other than selecting the command.
13

14 93. (Previously Presented) The method of claim 88, wherein said
15 context pertains to various tasks the user may attempt to accomplish.
16

17 94. (Previously Presented) The method of claim 88, wherein said
18 context pertains to one or more of the following: a type of document the user is
19 working in and a state of a document the user is working in.
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